

## CLAIMS

1. An apparatus for protection of an electronic circuit against anomalies in a supplied power voltage, said apparatus comprising:

a reserve power source connected to the supplied power voltage, said reserve power source for providing an apparatus voltage to said apparatus and further for maintaining said apparatus voltage for a predetermined amount of time after an anomaly has occurred in the supplied power voltage;

a module control for maintaining selected signals during occurrence of said anomaly in the supplied power voltage; and

a differential comparator connected to the supplied power voltage and to said reserve power source such that said differential comparator produces a control signal upon occurrence of said anomaly in the supplied power voltage, said differential comparator further connected to said module control for providing said control signal to said module control.

2. The apparatus of claim 2 wherein said differential comparator comprises a capacitance for maintaining for said apparatus voltage in said differential comparator for a predetermined time after said anomaly has occurred in the supplied power voltage.

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